

**6th Math 3.1b**

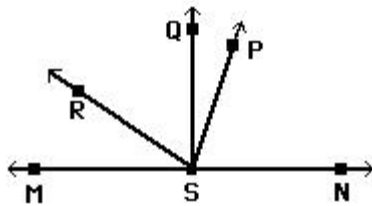
Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

1. Find the complementary angle for  $23^\circ$ .
- A.  $157^\circ$
  - B.  $337^\circ$
  - C.  $67^\circ$
  - D.  $23^\circ$

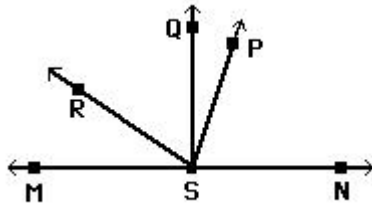
2. Fill in the blank.



If  $m\angle MSN$  is equal to  $180^\circ$ , then  $\angle MSR$  and  $\angle RSN$  are \_\_\_\_\_.

- A. complementary angles
- B. supplementary angles
- C. vertical angles
- D. right angles

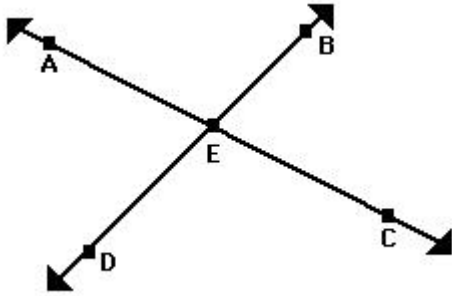
3. Fill in the blank.



If  $m\angle QSN$  is equal to  $90^\circ$ , then  $\angle QSP$  and  $\angle PSN$  are \_\_\_\_\_.

- A. complementary angles
- B. supplementary angles
- C. vertical angles
- D. right angles

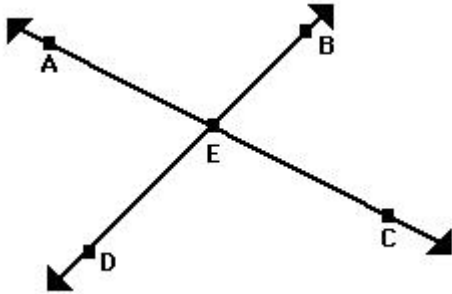
4. Fill in the blank.



If  $m\angle BEC$  is equal to  $80^\circ$ ,  $m\angle DEC$  is equal to  $100^\circ$ , and  $\angle AEC$  is a straight angle, then  $\angle BEC$  and  $\angle DEA$  are \_\_\_\_\_.

- A. complementary angles
- B. supplementary angles
- C. vertical angles
- D. right angles

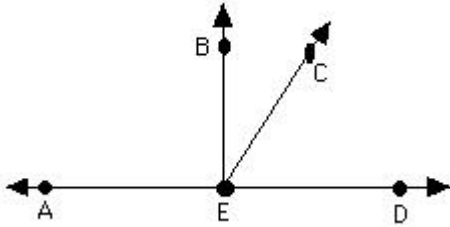
5. Fill in the blank.



If  $\angle AEC$  is a straight angle, then  $\angle BEC$  and  $\angle AEB$  are \_\_\_\_\_.

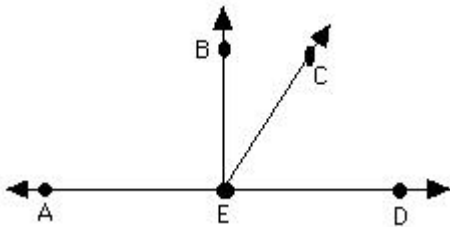
- A. obtuse angles
- B. acute angles
- C. adjacent angles
- D. complementary angles

6.  $\angle BEC$  and  $\angle CED$  are complementary angles.  $\angle BEC$  is equal to  $37^\circ$ .



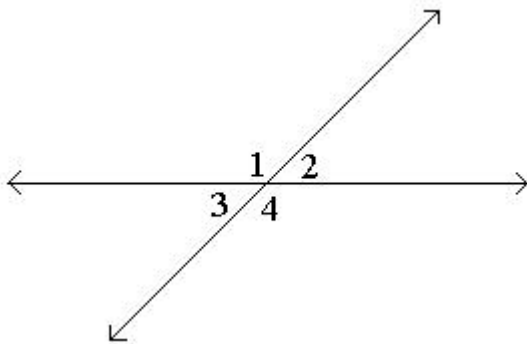
What is the measure of  $\angle CED$ ?

- A.  $90^\circ$
  - B.  $143^\circ$
  - C.  $37^\circ$
  - D.  $53^\circ$
7.  $\angle AEC$  and  $\angle CED$  are supplementary.  $\angle CED$  is equal to  $62^\circ$ .



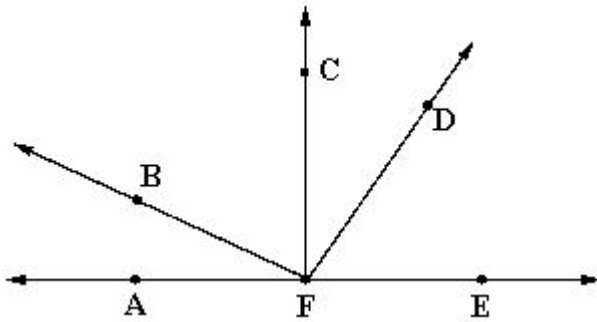
What is the measure of  $\angle AEC$ ?

- A.  $28^\circ$
  - B.  $152^\circ$
  - C.  $118^\circ$
  - D.  $124^\circ$
8. Fill in the blank.  
 $\angle 1$  and  $\angle 2$  are \_\_\_\_\_ angles.



- A. adjacent
- B. vertical
- C. complementary
- D. right

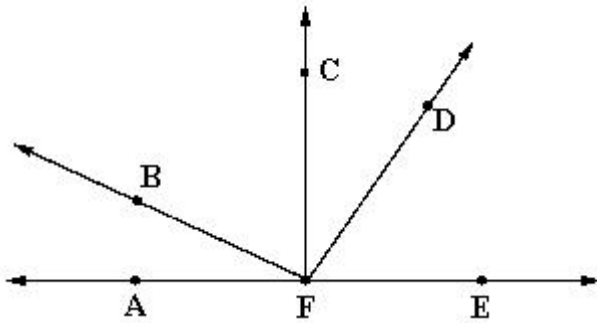
9.



If  $m\angle AFE$  is equal to  $180^\circ$  and  $m\angle CFE$  is equal to  $90^\circ$ , then  $\angle CFD$  and  $\angle DFE$  are \_\_\_\_\_ angles.

- A. obtuse
- B. right
- C. supplementary
- D. complementary

10.



If  $m\angle AFE$  is equal to  $180^\circ$  and  $m\angle CFE$  is equal to  $90^\circ$ , then  $\angle AFB$  and  $\angle BFE$  are \_\_\_\_\_ angles.

- A. acute
- B. obtuse
- C. supplementary
- D. complementary